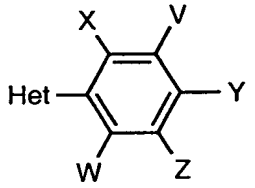
Patent claims

1. Compounds of the formula (I)



(I)

in which

V represents hydrogen, halogen, alkyl or alkoxy,

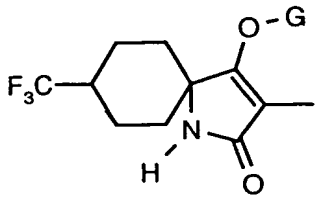
W represents hydrogen, cyano, nitro, halogen, alkyl, alkenyl, alkinyl, alkoxy, halogenoalkyl, halogenoalkoxy, in each case optionally substituted phenyl, phenoxy, phenylthio, phenylalkoxy or phenylalkylthio,

X represents halogen, alkyl, alkenyl, alkinyl, alkoxy, halogenoalkyl, halogenoalkoxy, cyano, nitro, in each case optionally substituted phenyl, phenoxy, phenylthio, phenylalkyloxy or phenylalkylthio,

Y represents hydrogen, halogen, alkyl, alkoxy, halogenoalkyl, halogenoalkoxy, cyano or nitro,

Z represents hydrogen, halogen, alkyl, alkoxy, halogenoalkyl, halogenoalkoxy, hydroxyl, cyano, nitro or in each case optionally substituted phenoxy, phenylthio, 5- or 6-membered hetaryloxy, 5- or 6-membered hetarylthio, phenylalkyloxy or phenylalkylthio,

Het represents one of the groups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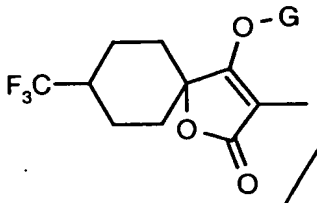
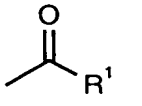

(2),

in which

G represents hydrogen (a) or represents one of the groups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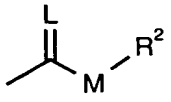
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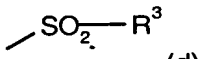
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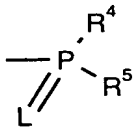
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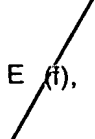
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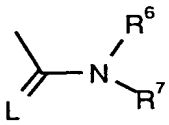

(g),

in which

E represents hydrogen (a) or represents one of the groups

L represents oxygen or sulphur,

M represents oxygen or sulphur,

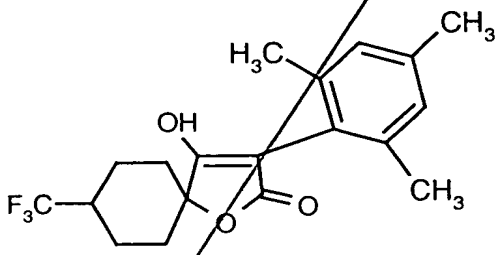
R^1 represents in each case optionally halogen- or cyano-substituted alkyl, alkenyl, alkoxyalkyl, alkylthioalkyl or polyalkoxyalkyl or represents in each case optionally halogen-, alkyl- or alkoxy-substituted cycloalkyl or heterocyclyl or represents in each case optionally substituted phenyl, phenylalkyl, hetaryl, phenoxyalkyl or hetaryloxyalkyl,

R^2 represents in each case optionally halogen- or cyano-substituted alkyl, alkenyl, alkoxyalkyl or polyalkoxyalkyl or represents in each case optionally substituted cycloalkyl, phenyl or benzyl,

R^3, R^4 and R^5 independently of one another represent in each case optionally halogen-substituted alkyl, alkoxy, alkylamino, dialkylamino, alkylthio, alkenylthio or cycloalkylthio or represent in each case optionally substituted phenyl, benzyl, phenoxy or phenylthio,

R^6 and R^7 independently of one another represent hydrogen, represent in each case optionally halogen- or cyano-substituted alkyl, cycloalkyl, alkenyl, alkoxy, alkoxyalkyl, represent in each case optionally substituted phenyl or benzyl, or together with the N atom to which they are attached form an optionally substituted cycle which optionally contains oxygen or sulphur,

except for the compound I-a-79 from EP 528 156



2. Compounds of the formula (I) according to Claim 1, in which

V represents hydrogen, halogen, C_1-C_6-alkyl or C_1-C_6-alkoxy,

W represents hydrogen, nitro, cyano, halogen, C_1-C_6-alkyl, C_2-C_6-alkenyl or C_2-C_6-alkinyl, C_1-C_6-alkoxy, C_1-C_4-halogenoalkyl, C_1-C_4-halogenoalkoxy or in each case optionally halogen-, C_1-C_6-alkyl-,

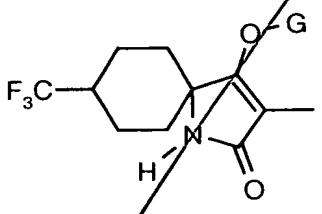
C_1-C_6-alkoxy-, C_1-C_4-halogenoalkyl-, C_1-C_4-halogenoalkoxy-, nitro- or cyano-substituted phenyl, phenoxy, phenylthio, phenyl-C_1-C_4-alkoxy or phenyl-C_1-C_4-alkylthio,

X represents halogen, C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkinyl, C_1-C_6-alkoxy, C_1-C_4-halogenoalkyl, C_1-C_4-halogenoalkoxy, cyano, nitro or in each case optionally halogen-, C_1-C_6-alkyl-, C_1-C_6-alkoxy-, C_1-C_4-halogenoalkyl-, C_1-C_4-halogenoalkoxy-, nitro- or cyano-substituted phenyl, phenoxy, phenylthio, phenyl-C_1-C_4-alkoxy or phenyl-C_1-C_4-alkylthio,

Y represents hydrogen, halogen, C_1-C_6-alkyl, C_1-C_6-alkoxy, C_1-C_4-halogenoalkyl, C_1-C_4-halogenoalkoxy, cyano or nitro,

Z represents hydrogen, halogen, C_1-C_6-alkyl, C_1-C_6-alkoxy, C_1-C_4-halogenoalkyl, C_1-C_4-halogenoalkoxy, hydroxyl, cyano, nitro or in each case optionally halogen-, C_1-C_4-alkyl-, C_1-C_4-alkoxy-, C_1-C_4-halogenoalkyl-, C_1-C_4-halogenoalkoxy-, nitro- or cyano-substituted phenoxy, phenylthio, thiazolyloxy, pyridinyloxy, pyrimidyloxy, pyrazolyloxy, phenyl-C_1-C_4-alkyloxy or phenyl-C_1-C_4-alkylthio,

Het represents one of the groups



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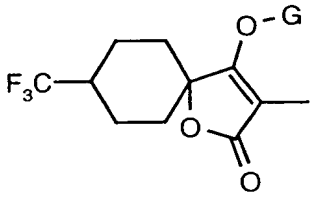
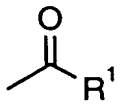


(2),

G represents hydrogen (a) or represents one of the groups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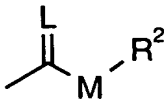
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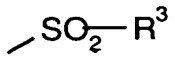
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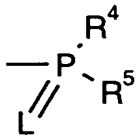
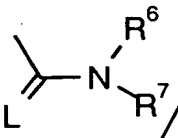

(e),

(f), or

(g)

in which

E represents a metal ion or an ammonium ion,

L represents oxygen or sulphur and

M represents oxygen or sulphur,

R^1 represents in each case optionally halogen- or cyano-substituted C_1-C_{20}-alkyl, C_2-C_{20}-alkenyl, C_1-C_8-alkoxy-C_1-C_8-alkyl, C_1-C_8-alkylthio-C_1-C_8-alkyl or poly-C_1-C_8-alkoxy-C_1-C_8-alkyl or represents optionally halogen-, C_1-C_6-alkyl- or C_1-C_6-alkoxy-substituted C_3-C_8-cycloalkyl in which optionally one or two not directly adjacent methylene groups are replaced by oxygen and/or sulphur,

represents optionally halogen-, cyano-, nitro-, C_1-C_6-alkyl-, C_1-C_6-alkoxy-, C_1-C_6-halogenoalkyl-, C_1-C_6-halogenoalkoxy-, C_1-C_6-alkylthio- or C_1-C_6-alkylsulphonyl-substituted phenyl,

represents optionally halogen-, nitro-, cyano-, C_1-C_6-alkyl-, C_1-C_6-alkoxy-, C_1-C_6-halogenoalkyl- or C_1-C_6-halogenoalkoxy-substituted phenyl-C_1-C_6-alkyl,

represents optionally halogen- or C_1-C_6-alkyl-substituted 5- or 6-membered hetaryl having one or two heteroatoms from the group consisting of oxygen, sulphur and nitrogen,

represents optionally halogen- or C_1-C_6-alkyl-substituted phenoxy-C_1-C_6-alkyl or

represents optionally halogen-, amino- or C_1-C_6-alkyl-substituted 5- or 6-membered hetaryloxy-C_1-C_6-alkyl having one or two heteroatoms from the group consisting of oxygen, sulphur and nitrogen,

R^2 represents in each case optionally halogen- or cyano-substituted C_1-C_{20}-alkyl, C_2-C_{20}-alkenyl, C_1-C_8-alkoxy-C_2-C_8-alkyl or poly-C_1-C_8-alkoxy-C_2-C_8-alkyl,

represents optionally halogen-, C_1-C_6-alkyl- or C_1-C_6-alkoxy-substituted C_3-C_8-cycloalkyl or

represents in each case optionally halogen-, cyano-, nitro-, C_1-C_6-alkyl-, C_1-C_6-alkoxy-, C_1-C_6-halogenoalkyl- or C_1-C_6-halogenoalkoxy-substituted phenyl or benzyl,

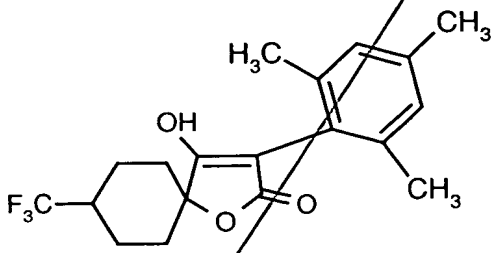
R^3 represents optionally halogen-substituted C_1-C_8-alkyl or in each case optionally halogen-, C_1-C_6-alkyl-, C_1-C_6-alkoxy-, C_1-C_4-halogenoalkyl-, C_1-C_4-halogenoalkoxy-, cyano- or nitro-substituted phenyl or benzyl,

R^4 and R^5 independently of one another represent in each case optionally halogen-substituted C_1-C_8-alkyl, C_1-C_8-alkoxy, C_1-C_8-alkylamino, di(C_1-C_8-alkyl)amino, C_1-C_8-alkylthio or C_3-C_8-alkenylthio or

represent in each case optionally halogen-, nitro-, cyano-, C_1-C_4-alkoxy-, C_1-C_4-halogenoalkoxy-, C_1-C_4-alkylthio-, C_1-C_4-halogenoalkylthio-, C_1-C_4-alkyl- or C_1-C_4-halogenoalkyl-substituted phenyl, phenoxy or phenylthio,

R^6 and R^7 independently of one another represent hydrogen, represent in each case optionally halogen- or cyano-substituted C_1-C_8-alkyl, C_3-C_8-cycloalkyl, C_1-C_8-alkoxy, C_3-C_8-alkenyl or C_1-C_8-alkoxy-C_2-C_8-alkyl, represent in each case optionally halogen-, C_1-C_8-alkyl-, C_1-C_8-halogenoalkyl- or C_1-C_8-alkoxy-substituted phenyl or benzyl or together represent an optionally C_1-C_6-alkyl-substituted C_3-C_6-alkylene radical in which optionally one methylene group is replaced by oxygen or sulphur,

except for the compound I-a-75 from EP 528 156



3. Compounds of the formula (I) according to Claim 1, in which

V represents hydrogen, fluorine, chlorine, bromine, C_1-C_4-alkyl or C_1-C_4-alkoxy,

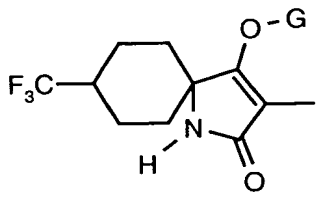
W represents hydrogen, fluorine, chlorine, bromine, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_2-halogenoalkyl or C_1-C_2-halogenoalkoxy,

X represents fluorine, chlorine, bromine, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_2-halogenoalkyl, C_1-C_2-halogenoalkoxy, cyano or nitro,

Y represents hydrogen, fluorine, chlorine, bromine, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_2-halogenoalkyl, C_1-C_2-halogenoalkoxy, cyano or nitro,

Z represents hydrogen, fluorine, chlorine, bromine, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_2-halogenoalkyl, C_1-C_2-halogenoalkoxy, hydroxyl, cyano, nitro or in each case optionally fluorine-, chlorine-, bromine-, C_1-C_4-alkyl-, C_1-C_4-alkoxy-, C_1-C_2-halogenoalkyl-, C_1-C_2-halogenoalkoxy-, nitro- or cyano-substituted phenoxy or benzyloxy,

Het represents one of the groups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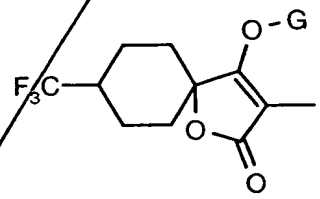
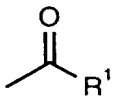

(2),

G represents hydrogen (a) or represents one of the groups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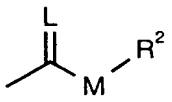
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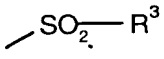
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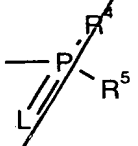
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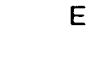
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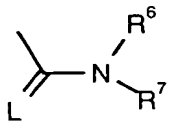

(g),

in which

E represents a metal ion or an ammonium ion,

L represents oxygen or sulphur and

M represents oxygen or sulphur,

R^1 represents in each case optionally fluorine- or chlorine-substituted C_1-C_{16}-alkyl, C_2-C_{16}-alkenyl, C_1-C_6-alkoxy-C_1-C_6-alkyl, C_1-C_6-alkylthio-C_1-C_6-alkyl or poly-C_1-C_6-alkoxy-C_1-C_6-alkyl or represents optionally fluorine-, chlorine-, C_1-C_5-alkyl- or C_1-C_5-alkoxy-substituted C_3-C_7-cycloalkyl in which optionally one or two not directly adjacent methylene groups are replaced by oxygen and/or sulphur,

represents optionally fluorine-, chlorine-, bromine-, cyano-, nitro-, C_1-C_4-alkyl-, C_1-C_4-alkoxy-, C_1-C_3-halogenoalkyl-, C_1-C_3-halogenoalkoxy-, C_1-C_4-alkylthio- or C_1-C_4-alkylsulphonyl-substituted phenyl,

represents optionally fluorine-, chlorine-, bromine-, C_1-C_4-alkyl-, C_1-C_4-alkoxy-, C_1-C_3-halogenoalkyl- or C_1-C_3-halogenoalkoxy-substituted phenyl-C_1-C_4-alkyl,

represents in each case optionally fluorine-, chlorine-, bromine- or C_1-C_4-alkyl-substituted pyrazolyl, thiazolyl, pyridyl, pyrimidyl, furanyl or thienyl,

represents optionally fluorine-, chlorine-, bromine- or C_1-C_4-alkyl-substituted phenoxy-C_1-C_5-alkyl or

represents in each case optionally fluorine-, chlorine-, bromine-, amino- or C_1-C_4-alkyl-substituted pyridyloxy-C_1-C_5-alkyl, pyrimidyloxy-C_1-C_5-alkyl or thiazolyloxy-C_1-C_5-alkyl,

R^2 represents in each case optionally fluorine- or chlorine-substituted C_1-C_{16}-alkyl, C_2-C_{16}-alkenyl, C_1-C_6-alkoxy-C_2-C_6-alkyl or poly-C_1-C_6-alkoxy-C_2-C_6-alkyl,
represents optionally fluorine-, chlorine-, C_1-C_4-alkyl- or C_1-C_4-alkoxy-substituted C_3-C_7-cycloalkyl or

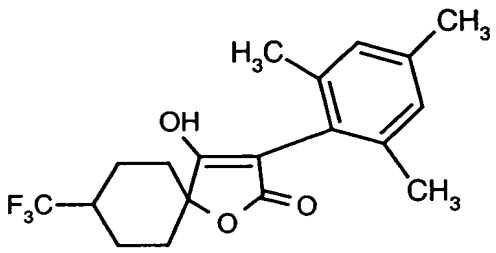
represents in each case optionally fluorine-, chlorine-, bromine-, cyano-, nitro-, C_1-C_4-alkyl-, C_1-C_3-alkoxy-, C_1-C_3-halogenoalkyl- or C_1-C_3-halogenoalkoxy-substituted phenyl or benzyl,

R^3 represents optionally fluorine- or chlorine-substituted C_1-C_6-alkyl or in each case optionally fluorine-, chlorine-, bromine-, C_1-C_4-alkyl-, C_1-C_4-alkoxy-, C_1-C_2-halogenoalkoxy-, C_1-C_2-halogenoalkyl-, cyano- or nitro-substituted phenyl or benzyl,

R^4 and R^5 independently of one another represent in each case optionally fluorine- or chlorine-substituted C_1-C_6-alkyl, C_1-C_6-alkoxy, C_1-C_6-alkylamino, di(C_1-C_6-alkyl)amino, C_1-C_6-alkylthio or C_3-C_4-alkenylthio or represent in each case optionally fluorine-, chlorine-, bromine-, nitro-, cyano-, C_1-C_3-alkoxy-, C_1-C_3-halogenoalkoxy-, C_1-C_3-alkylthio-, C_1-C_3-halogenoalkylthio-, C_1-C_3-alkyl- or C_1-C_3-halogenoalkyl-substituted phenyl, phenoxy or phenylthio,

R^6 and R^7 independently of one another represent hydrogen, represent in each case optionally fluorine- or chlorine-substituted C_1-C_6-alkyl, C_3-C_6-cycloalkyl, C_1-C_6-alkoxy, C_3-C_6-alkenyl or C_1-C_6-alkoxy-C_2-C_6-alkyl, represent in each case optionally fluorine-, chlorine-, bromine-, C_1-C_5-halogenoalkyl-, C_1-C_5-alkyl- or C_1-C_5-alkoxy-substituted phenyl or benzyl, or together represent an optionally C_1-C_4-alkyl-substituted C_3-C_6-alkylene radical in which optionally one methylene group is replaced by oxygen or sulphur,

except for the compound I-a-75 from EP 528 156



4. Compounds of the formula (I) according to Claim 1, in which

V represents hydrogen, fluorine, chlorine, bromine, methyl, ethyl, methoxy or ethoxy,

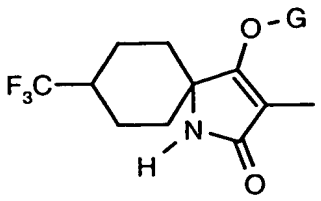
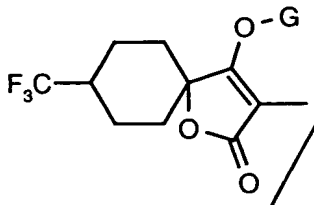
W represents hydrogen, fluorine, chlorine, bromine, methyl, ethyl, propyl, methoxy or ethoxy,

X represents fluorine, chlorine, bromine, methyl, ethyl, propyl, isopropyl, methoxy, ethoxy, propoxy, isopropoxy, trifluoromethyl, trifluoromethoxy, difluoromethoxy or cyano,

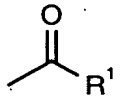
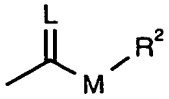
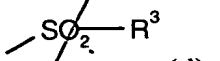
Y represents hydrogen, fluorine, chlorine, bromine, methyl, ethyl, propyl, isopropyl, tert-butyl, methoxy, ethoxy, propoxy, isopropoxy, trifluoromethyl, trifluoromethoxy, difluoromethoxy, cyano or nitro,

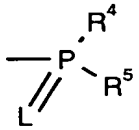
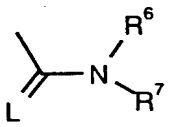
Z represents hydrogen, fluorine, chlorine, bromine, methyl, ethyl, propyl, isopropyl, tert-butyl, methoxy, ethoxy, propoxy, isopropoxy, trifluoromethyl, trifluoromethoxy, difluoromethoxy, cyano or nitro,

Het represents one of the groups


(1) or

(2),

G represents hydrogen (a) or represents one of the groups


(b),

(c),

(d),


(e), E (f), or

(g),

in which

E represents a metal ion or an ammonium ion,

L represents oxygen or sulphur and

M represents oxygen or sulphur,

R^1 represents in each case optionally fluorine- or chlorine-substituted C_1-C_{14}-alkyl, C_2-C_{14}-alkenyl, C_1-C_4-alkoxy-C_1-C_6-alkyl, C_1-C_4-alkylthio-C_1-C_6-alkyl, poly-C_1-C_4-alkoxy-C_1-C_4-alkyl or represents optionally fluorine-, chlorine-, methyl-, ethyl-, n-propyl-, isopropyl-, n-butyl-, isobutyl-, tert-butyl-, methoxy-, ethoxy-, n-propoxy- or isopropoxy-substituted C_3-C_6-cycloalkyl in which optionally one or two not directly adjacent methylene groups are replaced by oxygen and/or sulphur,

represents optionally fluorine-, chlorine-, bromine-, cyano-, nitro-, methyl-, ethyl-, n-propyl-, isopropyl-, methoxy-, ethoxy-,

trifluoromethyl-, trifluoromethoxy-, methylthio-, ethylthio-, methylsulphonyl- or ethylsulphonyl-substituted phenyl,

represents optionally fluorine-, chlorine-, bromine-, methyl-, ethyl-, n-propyl-, isopropyl-, methoxy-, ethoxy-, trifluoromethyl- or trifluoromethoxy-substituted benzyl,

represents in each case optionally fluorine-, chlorine-, bromine-, methyl- or ethyl-substituted furanyl, thienyl or pyridyl,

represents optionally fluorine-, chlorine-, methyl- or ethyl-substituted phenoxy-C_1-C_4-alkyl or

represents in each case optionally fluorine-, chlorine-, amino-, methyl- or ethyl-substituted pyridyloxy-C_1-C_4-alkyl, pyrimidyloxy-C_1-C_4-alkyl or thiazolyloxy-C_1-C_4-alkyl,

R^2 represents in each case optionally fluorine- or chlorine-substituted C_1-C_{14}-alkyl, C_2-C_{14}-alkenyl, C_1-C_4-alkoxy-C_2-C_6-alkyl or poly-C_1-C_4-alkoxy-C_2-C_6-alkyl,

represents optionally fluorine-, chlorine-, methyl-, ethyl-, n-propyl-, isopropyl- or methoxy-substituted C_3-C_6-cycloalkyl,

or represents in each case optionally fluorine-, chlorine-, cyano-, nitro-, methyl-, ethyl-, n-propyl-, isopropyl-, methoxy-, ethoxy-, trifluoromethyl- or trifluoromethoxy-substituted phenyl or benzyl,

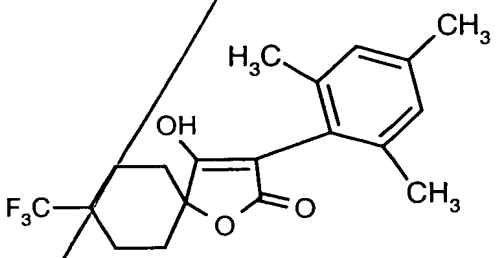
R^3 represents in each case optionally fluorine- or chlorine-substituted methyl, ethyl, propyl, isopropyl, butyl, tert-butyl, or in each case optionally fluorine-, chlorine-, bromine-, methyl-, ethyl-, isopropyl-,

tert-butyl-, methoxy-, ethoxy-, isopropoxy-, trifluoromethyl-, trifluoromethoxy-, cyano- or nitro-substituted phenyl or benzyl,

R^4 and R^5 independently of one another represent in each case optionally fluorine- or chlorine-substituted C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-alkylamino, di(C_1-C_4-alkyl)amino or C_1-C_4-alkylthio or represent in each case optionally fluorine-, chlorine-, bromine-, nitro-, cyano-, methyl-, methoxy-, trifluoromethyl- or trifluoromethoxy-substituted phenyl, phenoxy or phenylthio,

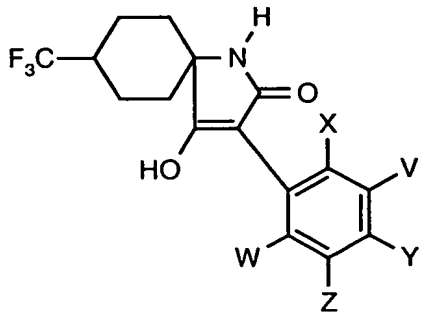
R^6 and R^7 independently of one another represent hydrogen, represent in each case optionally fluorine- or chlorine-substituted C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-alkoxy, C_3-C_4-alkenyl or C_1-C_4-alkoxy-C_2-C_4-alkyl, represent in each case optionally fluorine-, chlorine-, bromine-, methyl-, methoxy- or trifluoromethyl-substituted phenyl or benzyl, or together represent an optionally methyl- or ethyl-substituted C_5-C_6-alkylene radical in which optionally one methylene group is replaced by oxygen or sulphur,

except for the compound I-a-75 from EP 528 156



5. Process for preparing compounds of the formula (I) according to Claim 1, characterized in that, to obtain

(A) compounds of the formula (I-1-a)

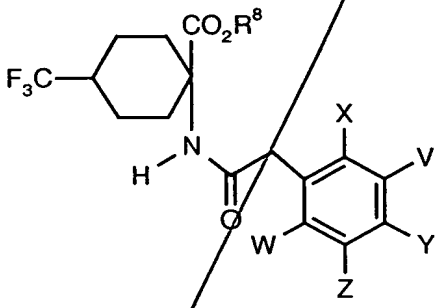


(I-1-a)

in which

V, W, X, Y and Z have the meanings given above,

compounds of the formula (II)



(II)

in which

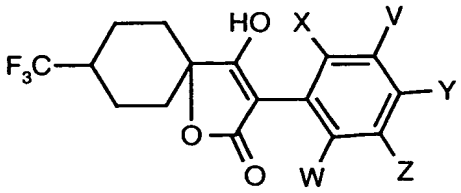
V, W, X, Y and Z have the meanings given above,

and

R^8 represents alkyl

are condensed intramolecularly in the presence of a diluent and in the presence of a base,

(B) compounds of the formula (I-2-a)

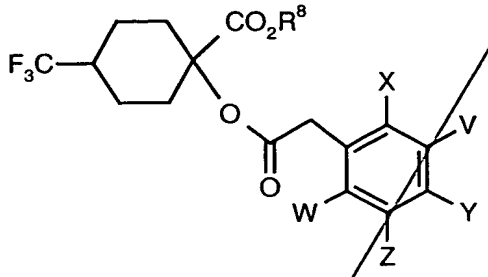


(I-2-a)

in which

V, W, X, Y and Z have the meanings given above,

compounds of the formula (III)



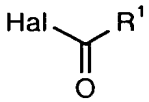
(III)

in which

V, W, X, Y, Z and R^8 have the meanings given above

are condensed intramolecularly in the presence of a diluent and in the presence of a base and the resulting compounds of the formula (I-1-a) and (I-2-a) are, if appropriate, subsequently

(C) α) reacted with compounds of the formula (IV)



(IV)

in which

R^1 has the meaning given above and

Hal represents halogen

or

ß) reacted with compounds of the formula (V)

$$R^1\text{-CO-O-CO-}R^1 \qquad (V)$$

in which

R^1 has the meaning given above,

if appropriate in the presence of a diluent and if appropriate in the presence of an acid binder;

(D) reacted with compounds of the formula (VI)

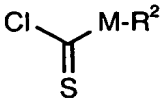
$$R^2\text{-M-CO-Cl} \qquad (VI)$$

in which

R^2 and M have the meanings given above,

if appropriate in the presence of a diluent and if appropriate in the presence of an acid binder;

(E) reacted with compounds of the formula (VII)



(VII)

in which

M and R^2 have the meanings given above,

if appropriate in the presence of a diluent and if appropriate in the presence of an acid binder,

(F) reacted with compounds of the formula (VIII)

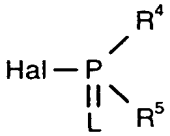
R^3-SO_2-Cl (VIII)

in which

R^3 has the meaning given above,

if appropriate in the presence of a diluent and if appropriate in the presence of an acid binder,

(G) reacted with compounds of the formula (IX)



(IX)

in which

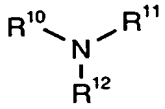
L, R^4 and R^5 have the meanings given above and

Hal represents halogen,

if appropriate in the presence of a diluent and if appropriate in the presence of an acid binder,

(H) reacted with compounds of the formula (X) or (XI)

$Me(OR^{10})_t$ (X)



(XI)

in which

Me represents a mono- or divalent metal,

t represents the number 1 or 2 and

R^{10}, R^{11}, R^{12} independently of one another represent hydrogen or alkyl,

if appropriate in the presence of a diluent,

(I) α) reacted with compounds of the formula (XII)

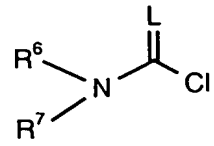
$$R^6\text{-}N{=}C{=}L \qquad \text{(XII)}$$

in which

R^6 and L have the meanings given above,

if appropriate in the presence of a diluent and if appropriate in the presence of a catalyst or

ß) reacted with compounds of the formula (XIII)



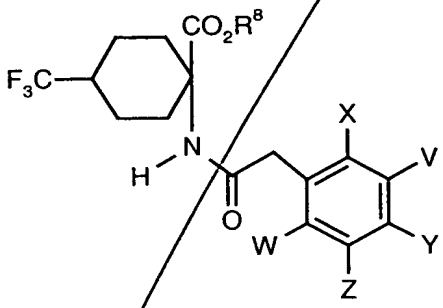
(XIII)

in which

L, R^6 and R^7 have the meanings given above,

if appropriate in the presence of a diluent and if appropriate in the presence of an acid binder.

6. Compounds of the formula (II)



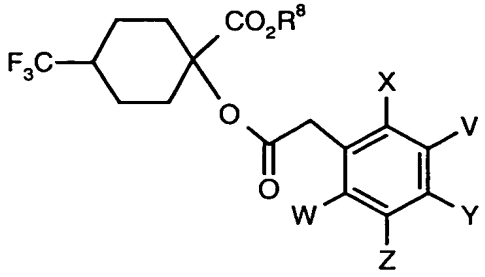
(II)

in which

V, W, X, Y and Z have the meanings given above and

R^8 represents alkyl.

7. Compounds of the formula (III)

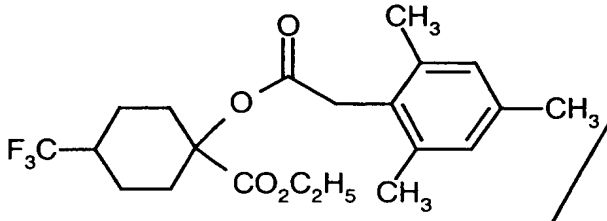


(III)

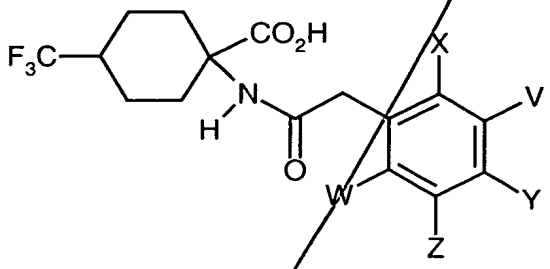
in which

V, W, X, Y, Z and R^8 have the meanings given above,

except for the compound below



8. Compounds of the formula (XVI)

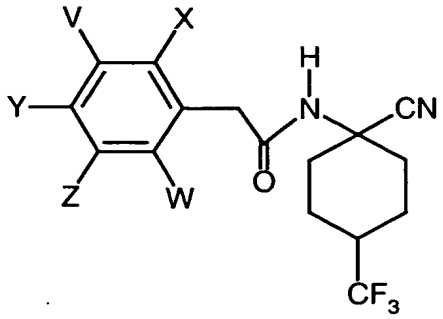


(XVI)

in which

V, W, X, Y and Z have the meanings given above.

9. Compounds of the formula (XIX)

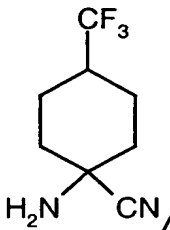


(XIX)

in which

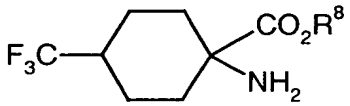
V, W, X, Y and Z have the meanings given above.

10. Compound of the formula (XVIII)



(XVIII)

11. Compounds of the formula (XIV)



(XIV)

in which

R^8 has the meanings given above.

12. Pesticide and/or weed killer, characterized in that it comprises at least one compound of the formula (I) according to Claim 1.

13. Use of compounds of the formula (I) according to Claim 1 for controlling pests and weeds.

14. Method for controlling pests and weeds, characterized in that compounds of the formula (I) according to Claim 1 are allowed to act on the pests, plants and/or their habitat.

15. Process for preparing pesticides and/or weed killers, characterized in that compounds of the formula (I) according to Claim 1 are mixed with extenders and/or surfactants.

16. Use of compounds of the formula (I) according to Claim 1 for preparing pesticides and herbicides.